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Section 9 Acronyms 9-1

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%	percent
°	degrees
µg/m ³	micrograms per cubic meter
µPa	micropascals
3D	three dimensional
AC	alternating current
ACHE	air-cooled heat exchanger
ACI	American Concrete Institute
ACS	Applied Control Systems
AD	anno Domini
ADT	average daily traffic
AFC	Application for Certification
AGC	automatic generation control
ANSI	American National Standards Institute
APCD	Air Pollution Control District
APE	area of potential effect
Applicant	Imperial Irrigation District
AQMP	air quality management plan
ASME	American Society of Mechanical Engineers
ASOS	automated surface observing systems
ATC	Authority to Construct
AWG	American Wire Gauge
BACT	best available control technology
bgs	below ground surface
BLM	Bureau of Land Management
BMP	best management practice
BOP	balance of plant
BP	before the present
BPIP-Prime	Building Profile Input Program – Prime
BRMIMP	Biological Resources Mitigation Implementation Monitoring Plan
Btu	British thermal units
C	Celsius

CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CAAQS	California Ambient Air Quality Standards
CAD	computer-aided design
Cal/OSHA	California Occupational Safety and Health Administration
CalARP	California Accidental Release Program
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CATEF	California Air Toxics Emission Factor
CBC	California Building Code
CCR	California Code of Regulations
CDFG	California Department of Fish and Game
CE	Combustion Engineering
CEC	California Energy Commission
CEMS	continuous emissions monitoring system
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CGS	California Geological Survey
CHL	California Historical Landmarks
CHP	California Highway Patrol
CNDDDB	California Natural Diversity Database
CNEL	community noise equivalent level
CNPS	California Native Plant Society
CO	carbon monoxide
CO ₂	carbon dioxide
COD	commercial operation date
CPM	compliance project manager
CPT	cone penetration test
CPUC	California Public Utility Commission
CRHR	California Register of Historic Resources
CTG	combustion turbine generator
CTR	California Toxics Rule
CUP	Conditional Use Permit

CUPA	Certified Unified Program Agency
CWA	Clean Water Act
DAS	data acquisition system
DAT	Deposition Analysis Threshold
dB	Decibels
dBA	A-weighted sound level
DC	direct current
DCS	Distributed Control System
DEM	Digital Elevation Model
DMV	Department of Motor Vehicles
DNL	Day-Night Average Sound Level (L_{dn} or DNL)
DOC	Determination of Compliance
DOHS	Department of Health Services
DOI	U.S. Department of Interior
DPW	Department of Public Works
DTSC	Department of Toxic Substances Control
DVD	digital versatile disk
DWR	Department of Water Resources
ECFD	City of El Centro Fire Department
ECGS	El Centro Generating Station
ECPD	City of El Centro Police Department
EMF	electromagnetic field
EPC	Engineering, Procurement, and Construction
ERC	Emission Reduction Credit
ESA	Environmental Site Assessment
ESIL	existing scenic integrity levels
EWS	engineering workstation
F	Fahrenheit
FAA	Federal Aviation Administration
fc	foot-candle
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FHWA	Federal Highway Administration

FIRM	Flood Insurance Rate Map
FLAG	Federal Land Managers Air Quality Related Values Workgroup
g	force of gravity
GAC	generator auxiliary compartment
GE	General Electric
GEP	good engineering practice
GIS	geographical information system
GO	General Order
gallons/kWhr	gallons per kilowatt hour
gallons/MW	gallons per megawatt
gpd	gallons per day
gpm	gallons per minute
GPS	global positioning system
GSU	generator step-up
H1H	highest first high
H2H	highest second high
HABS	Historic American Buildings Survey
HAP	hazardous air pollutant
HARP	Hotspots Analysis and Reporting Program
HCM	Highway Capacity Manual
HHV	higher heating value
HMBP	Hazardous Materials Business Plan
HMI	human machine interface
HNO ₃	nitric acid
HPS	high-pressure sodium
HRA	health risk assessment
HRSG	heat recovery steam generator
HSI	human system interface
HUD	U.S. Housing and Urban Development
HVAC	heating, ventilation, and air-conditioning
HWS	historical workstation
Hz	hertz

I/O	input/output
ICAPCD	Imperial County Air Pollution Control District
IEEE	Institute of Electrical & Electronics Engineers
IEPR	Integrated Energy Policy Report
IID	Imperial Irrigation District
ISCST3	Industrial Source Complex Model
ISO	International Standards Organization
IVCDM	Imperial Valley College Desert Museum
IWAQM	Interagency Workgroup on Air Quality Modeling
JTNP	Joshua Tree National Park
kg/ha/yr	kilograms per hectare per year
KOP	key observation point
kV	kilovolt
LAER	lowest achievable emission rate
lbs	pounds
lbs/hr	pounds per hour
lbs/MMcf	pounds per million cubic feet
lbs/MMBtu	pounds per million British thermal units
L_{dn}	Day-Night Average Sound Level (L_{dn} or DNL)
L_{eq}	equivalent sound level
L_{max}	maximum equivalent sound level
L_{min}	minimum equivalent sound level
LORS	Laws, Ordinances, Regulations, and Standards
LOS	level of service
LU	Limited Use
MACT	maximum achievable control technology
MBTA	Migratory Bird Treaty Act
MCC	Motor Control Center
mg/L	milligrams per liter
mgd	million gallons per day
MMBtu	million British thermal units
MMBtu/hr	million British thermal units per hour
MLD	Most Likely Descendant

MPO	Metropolitan Planning Organization
M _w	moment magnitude
MW	megawatts
MWhr	megawatt hour
N ₂	nitrogen
NAAQS	National Ambient Air Quality Standards
NAD	North American Datum
NAFTA	North American Free Trade Agreement
NAHC	Native American Heritage Commission
NFPA	National Fire Protection Association
NHL	National and Historic Landmarks
NO	nitric oxide
NO ₂	nitrogen dioxide
NO ₃	nitrate ion
NOI	Notice of Intent
NO _x	nitrogen oxide(s)
NPDES	National Pollutant Discharge Elimination System
NPS	National Park Service
NRCS	National Resources Conservation Service
NRHP	National Register of Historic Places
NSPS	New Source Performance Standards
NSR	New Source Review
NWIS	National Water Information System
NWS	National Weather Service
O ₂	oxygen
OD	outer diameter
OEHHA	Office of Environmental Health Hazard Assessment
OHP	Office of Historic Preservation
OLM	Ozone Limiting Method
OSHA	Occupational Safety and Health Administration
PCE	passenger car equivalents
PDCE	Power Distribution and Control Enclosure
PE	photoelectric

PEECC	packaged electrical and electronics control compartment
PG	Professional Geologist
PM ₁₀	particulate matter less than 10 microns in diameter
PM _{2.5}	particulate matter less than 2.5 microns in diameter
ppb	parts per billion
PPE	personal protective equipment
ppm	parts per million
ppmvd	parts per million dry volume
PRC	PaleoResource Consultants
Project	El Centro Generating Station Unit 3 Repower Project
PSD	Prevention of Significant Deterioration
psig	pounds per square inch gauge
PTO	Permit to Operate
PWL	sound power levels
RCRA	Resource Conservation and Recovery Act
REL	reference exposure level
RFP	Request for Proposal
RMP	Risk Management Plan
RMPP	Risk Management Prevention Plan
RMS	root-mean-square
ROC	reactive organic compounds
ROW	right-of-way
RPA	Register of Professional Archaeologists
RPS	renewable portfolio standard
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SCAG	Southern California Association of Governments
SCB	Southern California Bight
scf	standard cubic feet
SCGC	Southern California Gas Company
SCR	selective catalytic reduction
SCS	Soil Conservation Service
SDNHM	San Diego Natural History Museum

SDSNH	San Diego Society of Natural History
SDTS	Spatial Data Transfer Standard
SIB	Southern International Boundary
SIC	Southeastern Information Center
SIL	significant impact level
SIP	State Implementation Plan
SIS	system impact study
SO ₂	sulfur dioxide
SO ₄	sulfate ion
SOC	System Operation Center
SO _x	sulfur oxides
SPCC	Spill Prevention, Control, and Countermeasures Plan
SPL	sound pressure levels
SPPE	Small Power Plant Exemption
STATSGO	State Soil Geographic Database
STG	steam turbine generator
STPEL	Short-Term Public Emergency Limit
SVP	Society of Vertebrate Paleontology
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminants
TBACT	toxic best available control technology
TCP	Traditional Cultural Properties
TDS	total dissolved solids
TEWAC	totally enclosed water to air cooled
THI	total hazard index
TIN	triangulated irregular network
TOC	total organic carbon
TRA	Tax Rate Area
TSP	total suspended particulate
UBC	Uniform Building Code
UCMP	University of California Museum of Paleontology
Unit 3 Repower Project	El Centro Generating Station Unit 3 Repower Project

USACE	U.S. Army Corps of Engineers
USDA	U.S. Department of Agriculture
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UTM	Universal Transverse Mercator
V	volt
VAC	visual absorption capability
VOC	volatile organic compound
vpd	vehicles per day
VRM	Visual Resource Management
VSOI	visual sphere of influence
WQCP	Water Quality Control Plan
WSPP	Western Systems Power Pool
WWTP	wastewater treatment plant

